

Title (en)
Fixing means and method

Title (de)
Befestigungsmittel und Verfahren

Title (fr)
Moyen de fixation et procédé

Publication
EP 1396602 A1 20040310 (EN)

Application
EP 03255493 A 20030903

Priority
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Abstract (en)
A door frame (27) is fixed to brickwork (29) defining the opening for the door by the use of a fixing means in the form of a one-piece pressed steel bracket (10). The bracket has a base part (11) at the respective opposite ends of which are respective fixing portions (12) intended to be folded through 90 DEG to the base part and having openings therein for fixing members to secure the fixing portions to front and rear faces respectively of the brickwork. The base part (11) is made up of flat portions (16) at respective opposite side of a deformable centre portion (17) from respective opposite sides of which engagement tongues (22, 23) extend beneath the portions (16). In use the tongues move to engage respective opposite sides of the recess containing the fixing means when the centre portion (17) is deformed, thereby securing the first element to the fixing means.
<IMAGE>

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E06B 1/60; F16B 15/00

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CPC (source: EP)
E06B 1/6015 (2013.01); **F16B 15/0023** (2013.01)

Citation (search report)
• [XA] DE 2633121 A1 19780202 - EGER FRIEDRICH
• [A] DE 1683003 A1 19710128 - HOEGEL JAKOB, et al
• [A] FR 1579055 A 19690822

Cited by
US11732524B2; EP4089260A1; SE1851316A1; SE543976C2; US2020095821A1; US2020095782A1; US10871025B2; AU2019342668B2;
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